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Bibliography of Soviet Laser Developments

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BIBLIOGRAPHY OF SOVIET LASER DEVELOPMENTS

No. 91

SEPTEMBER - OCTOBER 1987

Date of Report

August 29, 1988

Vice Director for Foreign Intelligence
Defense Intelligence Agency

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20. ABSTRACT This is the Soviet Laser Bibliography for September-October 1987, and is No. 91 in a continuing series on Soviet laser developments. The coverage includes basic research on solid state, liquid, gas, and chemical lasers; components; nonlinear optics; spectroscopy of laser materials; ultrashort pulse generation; crystal growing; theoretical aspects of advanced lasers; and general laser theory. Laser applications are listed under biological effects; communications systems; beam propagation; adaptive optics; computer technology; holography; laser- induced chemical reactions; measurement of laser parameters; laser measurement applications; laser-excited optical effects; laser spectroscopy; beam-target interaction; and plasma generation and diagnostics.		

INTRODUCTION

This bibliography has been compiled under an interagency agreement as a continuing effort to document current Soviet-bloc developments in the quantum electronics field. The period covered is September-October 1987, and includes all significant laser-related articles received by us in that interval. The bulk of the entries come from the approximately 30 periodicals which are known to publish the most significant findings in Soviet laser technology. Citations from the Soviet Reference Journals (journals of abstracts) are also included. Laser items from the popular or semipopular press are generally omitted. All sources cited with no parenthetical notation are available at the Library of Congress. A parenthetical entry indicates the secondary source in which the citation was found as a bibliographic entry or abstract, but for which the original source is not currently available at the Library.

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We are producing the entire bibliography on computer. To make our bibliography compatible with other data bases, for source abbreviations, we use the letter codens generally used in our own government rather than transliterations of abbreviations used in the Soviet Union. Likewise, we use letter codens to designate affiliations. The authors' affiliations are indicated in parentheses after the authors' names in the text. Empty parentheses indicate that the affiliation was not given. A source abbreviations list, authors' affiliations list, and author index are included in the back of the bibliography.



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I. BASIC RESEARCH

A. SOLID STATE LASERS

1. CRYSTAL

a. Miscellaneous

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- b. Nd³⁺
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- c. Er³⁺
- d. Ho³⁺
- e. Tm³⁺

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d. GaAs

e. CdS

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f. ZnSe

g. $\text{Pb}(1-x)\text{Sn}(x)\text{Te}$

h. InGaAsP

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b. Nd

c. Er

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a. Miscellaneous

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c. Polymethine

d. Coumarin

e. Phthalimide

f. Cyanine

g. Xanthene

h. POPOP

2. Inorganic Liquids

C. GAS LASERS

1. Theory

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a. Miscellaneous

b. He-Ne

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 - e. Ar-Xe
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 - b. Carbon Dioxide
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II. LASER APPLICATIONS

A. BIOLOGICAL EFFECTS

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H. LASER MEASUREMENT APPLICATIONS

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J. BEAM-TARGET INTERACTION

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IV. SOURCE ABBREVIATIONS

(Note: CTC = cover-to-cover translation available)

AENGA	Atomnaya energiya (CTC)
AKZHA	Akusticheskiy zhurnal (CTC)
APHUE	Acta physica hungarica (Budapest)
ARAKB	Archiwum akustyki (Warsaw)
ATPLB	Acta physica polonica. Series A
AVMEB	Avtometriya (CTC)
BITOA	Bild und Ton (East Berlin)
CICWIPla	International Congress on Waves and Instabilities in Plasma
CKICPThe	Kiev International Conference on Plasma Theory
CMKDBMed	Mezhdunarodnaya konferentsiya: Dostizheniya biomekhaniki v meditsine
CRKRTNRe	Respublikanskaya konferentsiya: Razvitiye tekhnicheskikh nauk v respublike, puti i sposoby ispol'zovaniya ikh rezul'tatov
CRTED	Crystal Research and Technology (East Berlin) (formerly Krystal und Technik)
CSSSPIGa	Summer School and Symposium: Physics of Ionized Gases
CSYaSSAt	Soveshchaniye po yadernoy spektroskopii i strukture atomnogo yadra
CVKOVFLI	Vsesoyuznaya konferentsiya: Obrashcheniye volnogo fronta lazernogo izlucheniya v nelineynykh sredakh
CVSGUREP	Vsesoyuznyy seminar: Generatory i usiliteli na relyativistskikh elektronnykh potokakh
CVSNMLSM	Vsesoyuznyy simpozium: Novyye metody lazernoy spektroskopii molekul v nizkoterperaturnykh sredakh

CVSOOAMo	Vsesoyuznyy seminar po opticheskoy orientatsii atomov i molekul
CZYPA	Czechoslovak Journal of Physics
DANKA	Akademiya nauk SSSR. Doklady (CTC)
DANTA	Akademiya nauk Tadzhikskoy SSR. Doklady
DEFKA	Defektoskopiya (CTC)
DUKAB	Akademiya nauk Ukrayns'koy RSR. Dopovidi. Seriya A. Fiziko-matematichni ta tekhnichni nauki
EKNTB	Elektronika (Warsaw)
ELPBA	Elektropromishlennost i priborostroene
EOBMA	Elektronnaya obrabotka materialov (CTC)
ETFMB	Akademiya nauk Estonskoy SSR. Izvestiya. Fizika, matematika
EXPPA	Eksperimentelle Technik der Physik
FGRTA	Feingeraetetechnik
FGVZA	Fizika goreniya i vzryva (CTC)
FIPLD	Fizika plazmy (Moskva, AN SSSR) (CTC)
FIZSA	Fizika v shkole
FKMMA	Fiziko-khimicheskaya mekhanika materialov (CTC)
FKOMA	Fizika i khimiya obrabotki materialov
FKSTD	Fizika i khimiya stekla (CTC)
FTPPA	Fizika i tekhnika poluprovodnikov (CTC)
FTVTA	Fizika tverdogo tela (CTC)
FZELA	Fizicheskaya elektronika (sbornik, L'vov)
GEAEA	Geomagnetizm i aeronomiya (CTC)

IAAFA	Akademiya nauk Armyanskoy SSR. Izvestiya. Fizika
IAFMA	Akademiya nauk Azerbaydzhanskoy SSR. Izvestiya. Seriya fiziko-tekhnicheskikh i matematicheskikh nauk
IAKFB	Akademiya nauk Kazakhskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh nauk
IANFA	Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya (CTC)
IASKA	Akademiya nauk SSSR. Izvestiya. Seriya khimicheskaya (CTC)
IATOA	Akademiya nauk Tadzhikskoy SSR. Izvestiya. Otdeleniye fiziko-matematicheskikh i geologo-khimicheskikh nauk
IFAOA	Akademiya nauk SSSR. Izvestiya. Fizika atmosfery i okeana (CTC)
INFZA	Inzhenerno-fizicheskiy zhurnal (CTC)
INKSA	Akademiya nauk Kirgizskoy SSR. Izvestiya
ITUFA	Akademiya nauk Turkmeniskoy SSR. Izvestiya. Seriya fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk
IUZFA	Akademiya nauk Uzbekskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh nauk
IUZTA	Akademiya nauk Uzbekskoy SSR. Izvestiya. Seriya tekhnicheskikh nauk
IVNMA	Akademiya nauk SSSR. Izvestiya. Neorganicheskiye materialy (CTC)
IVUBA	Izvestiya vysshikh uchebnykh zavedeniy. Priborostroyeniye (CTC)
IVUFA	Izvestiya vysshikh uchebnykh zavedeniy. Fizika (CTC)
IVUZB	Izvestiya vysshikh uchebnykh zavedeniy. Radioelektronika
IVYRA	Izvestiya vysshikh uchebnykh zavedeniy. Radiofizika (CTC)

IZFMB	Akademiya nauk Moldavskoy SSR. Izvestiya. Seriya fiziko-tekhnicheskikh i matematicheskikh nauk
IZKOD	Issledovaniye Zemli iz kosmosa (Moskva)
IZTEA	Izmeritel'naya tekhnika (CTC)
JMKOA	Jemna mechanika a optika
KHFID	Khimicheskaya fizika (CTC)
KHVKA	Khimiya vysokikh energiy (CTC)
KOZHA	Kolloidnyy zhurnal (CTC)
KRSFA	Kratkiye soobshcheniya po fizike (CTC)
KVEKA	Kvantovaya elektronika (journal, Moskva) (CTC)
MEAUA	Meres es automatika
MTOMA	Metallovedeniye i termicheskaya obrabotka metallov (CTC)
OPAPB	Optica applicata (Poland)
OPMPA	Optiko-mekhanicheskaya promyshlennost' (CTC)
OPSPA	Optika i spektroskopiya (CTC)
OPTED	Optoelektronika i poluprovodnikovaya tekhnika (Kiyev)
OTIZD	Otkrytiya, izobreteniya
PFKMD	Poverkhnost'. Fizika, khimiya, mekhanika (Moskva)
PRTEA	Pribory i tekhnika eksperimenta (CTC)
PSSAB	Physica status solidi (A). Applied Research (GDR)
PSSBB	Physica status solidi (B). Basic Research (GDR)
PSTFA	Postepy fizyki
PZTFD	Zhurnal tekhnicheskoy fiziki. Pis'ma (CTC)

RAELA	Radiotekhnika i elektronika (journal, Moskva) (CTC)
RATEA	Radiotekhnika (journal, Moskva) (CTC)
RTKHA	Radiotekhnika (sbornik, Khar'kov)
RZFZA	Referativnyy zhurnal. Fizika
RZGFA	Referativnyy zhurnal. Geofizika
RZMKA	Referativnyy zhurnal. Mekhanika
RZRAB	Referativnyy zhurnal. Radiotekhnika
RZVTA	Referativnyy zhurnal. Vodnyy transport
SAKNA	Akademiya nauk Gruzinskoy SSR. Soobshcheniya
TKTEA	Tekhnika kino i televideniya
TVYTA	Teplofizika vysokikh temperatur (CTC)
UFIZA	Ukrainskiy fizicheskiy zhurnal (Russian language version) (CTC)
UFNAA	Uspekhi fizicheskikh nauk (CTC)
VBMFA	Belorusskiy universitet. Vestnik. Seriya 1. Matematika, fizika, mekhanika
VEOFA	Vestnik oftal'mologii
VLUFB	Leningradskiy universitet. Vestnik. Fizika i khimiya
VMUFA	Moskovskiy universitet. Vestnik. fizika, astronomiya (CTC)
VNUKA	Akademiya nauk Ukrayns'koy RSR. Visnyk
VYSAA	Vysokomolekulyarnyye soyedineniya. Seriya A (CTC)
WDTEA	Wiadomosci telekomunikacyjne
WZFRE	Wissenschaftliche Zeitschrift der Friedrich- Schiller Universitaet. Naturwissenschaftliche Reihe (East Berlin) (formerly WZFMA)

ZETFA	Zhurnal eksperimental'noy i teoreticheskoy fiziki (CTC)
ZFKHA	Zhurnal fizicheskoy khimii (CTC)
ZFPRA	Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma (CTC)
ZNPFA	Zhurnal nauchnoy i prikladnoy fotografii i kinematografii (CTC)
ZPMFA	Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki (CTC)
ZPSBA	Zhurnal prikladnoy spektroskopii (CTC)
ZRBEA	Zarubezhnaya radioelektronika
ZTEFA	Zhurnal tekhnicheskoy fiziki (CTC)
ZVDLA	Zavodskaya laboratoriya (CTC)

V. AUTHOR AFFILIATIONS

Astrosovet

Astronomicheskii sovet AN SSSR
Astronomy Council, Academy of Sciences USSR, Moscow

AzGU

Azerbaydzhanskiy gosudarstvennyy universitet
Azerbaijdzhan State University

BGU

Belorusskiy gos universitet
Belorussian State University

ChPI

Chelyabinskiy politekhnicheskii institut
Chelyabinsk Politechnical Institute

EIS

Elektrotekhnicheskii institut svyazi
Electrotechnical Institute of Communications, Leningrad

FGPI

Ferganskiy gosudarstvennyy pedagogicheskii institut
im. Ulugbeka
Fergana State Pedagogical Institute im. Ulugbeka

FIAN

Fizicheskii institut im Lebedeva AN SSSR
Physics Institute imeni Lebedev, Academy of Sciences
USSR, Moscow

FIANKuy

Kuybyshevskiy filial Fizicheskogo instituta AN SSSR
Kuybyshev Branch of the Physics Institute, Academy of
Sciences USSR

FMIANUkr

Fiziko-mekhanicheskii institut AN Ukr SSR
Physical Mechanical Institute, Academy of Sciences
Ukrainian SSR, L'vov

FTI

Fiziko-tekhnicheskii institut im Ioffe AN SSSR
Physicotechnical Institute im Ioffe, Academy of
Sciences USSR, Leningrad

FTIANTadzh

Fiziko-tekhnicheskii institut AN TadzhSSR
Physicotechnical Institute, Academy of Sciences
Tadzhik SSR, Dushanbe

GGU

Gor'kovskiy gos universitet
Gor'kiy State University

GIPKh

Gosudarstvennyy institut prikladnoy khimii.
State Institute of Applied Chemistry.

GOI

Gosudarstvennyy opticheskii institut im Vavilova
State Optical Institute imeni Vavilov, Leningrad

GPI
 Gor'kovskiy politekhnicheskiy institut.
 Gor'kiy Polytechnical Institute.

GrodGU
 Grodnenskiy gos universitet
 Grodno State University

GrPI
 Gruzinskiy politekhnicheskiy institut
 Georgian Polytechnic Institute, Tbilisi

IAE
 Institut atomnoy energii im Kurchatova
 Institute of Atomic Energy imeni Kurchatov, Moscow

IAESOAN
 Institut avtomatiki i elektrometrii SOAN
 Institute of Automation and Electronic Measurements,
 Siberian Branch Academy of Sciences USSR

IAP
 Institut analiticheskogo priborostroyeniya AN SSSR
 Institute of Analytical Instrument Manufacture,
 Academy of Sciences USSR

IBANUK
 Institut biokhimii AN UkrSSR
 Institute of biochemistry, Academy of Sciences
 Ukrainian SSR, Kiev

IEANBel
 Institut elektroniki AN BSSR
 Institute of Electronics, Academy of Sciences
 Belorussian SSR, Minsk

IELAN
 Institut elektrokhimii AN SSSR
 Institute of Electrochemistry, Academy of Sciences
 USSR

IEM
 Institut eksperimental'noy meteorologii
 Institute of Experimental meteorology, Obninsk

IMEZh
 Institut evolyutsionnoy morfologii i ekologii
 zhivotnykh im A.N. Severtsova AN SSSR
 Institute of Evolutionary Morphology and Animal
 Ecology imeni Severtsov, Academy of Sciences
 USSR, Moscow

IFA
 Institut fiziki atmosfery AN SSSR
 Institute of Atmospheric Physics, Academy of
 Sciences, USSR

IFANB
 Institut fiziki AN BSSR
 Institute of Physics, Academy of Sciences
 Belorussian SSR, Minsk

IFANG
 Institut fiziki AN GruzSSR
 Institut of Physics, Academy of Sciences Georgian SSR,
 Tbilisi

IFANUK
 Institut fiziki AN UkrSSR
 Institute of Physics, Academy of Sciences Ukrainian SSR,
 Kiev

IFI
 Institut fizicheskikh issledovaniy AN ArmSSR
 Institute of Physics Research, Academy of Sciences
 Armenian SSR

IFP
 Institut fizicheskikh problem AN SSSR
 Institute of Problems of Physics, Academy of
 Sciences USSR

IFPSOAN
 Institut fiziki poluprovodnikov SOAN
 Institute of Semiconductor Physics, Siberian Branch
 Academy of Sciences USSR, Novosibirsk

IFSOAN
 Institut fiziki SOAN
 Institute of Physics, Siberian Branch Academy of
 Sciences USSR, Krasnoyarsk

IFTT
 Institut fiziki tverdogo tela AN SSSR
 Institute of Solid State Physics, Academy of
 Sciences USSR, Chernogolovka

IFVE
 Institut fiziki vysokikh energiy
 Institute of High Energy Physics, Serpukhov

IFZ
 Institut fiziki Zemli im Shmidta AN SSSR
 Institute of Physics of the Earth imeni Shmidt,
 Academy of Sciences USSR

IGU
 Irkutskiy gos universitet
 Irkutsk State University

IGYeM
 Institut geologii rudnykh mestorozhdeniy, petrografii,
 mineralogii i geokhimii AN SSSR
 Institut of Ore Deposits, Geology, Petrography,
 Minerology and Geochemistry, Academy of Sciences
 USSR, Moscow

IKAN
 Institut kristallografii AN SSSR
 Institute of Crystallography, Academy of Sciences
 USSR, Moscow

IKhANTad
 Institut khimii AN Tadzhikskoy SSR
 Institute of Chemistry, Academy of Sciences
 Tadzhik SSR, Dushanbe

IKhF
 Institut khimicheskoy fiziki AN SSSR
 Institute of Physics of Chemistry, Academy of Sciences
 USSR, Chernogolovka

IKhKG
 Institut khimicheskoy kinetiki i goreniya SOAN
 Institute of Chemical Kinetics and Combustion,
 Siberian Branch Academy of Sciences USSR, Novosibirsk

IKhS
 Institut khimii silikatov im Grebanshchikova AN SSSR
 Institute of Silicate Chemistry imeni Grebanshchikov,
 Academy of Sciences USSR, Leningrad

IKI
 Institut kosmicheskikh issledovaniy AN SSSR
 Institute of Space Research, Academy of Sciences USSR

IMET
 Institut metallurgii im Baykova
 Institute of Metallurgy imeni Baykov, Moscow

INKh
 Institut neorganicheskoy khimii SOAN
 Institute of Inorganic Chemistry, Siberian Branch
 Academy of Sciences USSR

IOA
 Institut optiki atmosfery SOAN
 Institute of Atmospheric Optics, Siberian Branch
 Academy of Sciences USSR

IOANLO
 Leningradskoye otdeleniye Instituta okeanologii
 AN SSSR
 Leningrad Branch of the Institute of Oceanography,
 Academy of Sciences USSR

IOF
 Institut obshchey fiziki AN SSSR
 Institute of General Physics, Academy of Sciences
 USSR, Moscow

IONKh
 Institut obshchey i neorganicheskoy khimii
 im Kurnakova AN SSSR
 Institute of General and Inorganic Chemistry imeni
 Kurnakov, Academy of Sciences USSR, Moscow

IONKhANB
 Institut obshchey i neorganicheskoy khimii AN BSSR
 Institute of General and Inorganic Chemistry, Academy
 of Sciences Belorussian SSR

IPANUK
 Institut poluprovodnikov AN UkrSSR
 Institute of Semiconductors, Academy of Sciences
 Ukrainian SSR, Kiev

IPF
 Institut prikladnoy fiziki AN SSSR
 Institute of Applied Physics, Academy of Sciences
 USSR, Gor'kiy

IPFANM
 Institut prikladnoy fiziki AN MSSR
 Institute of Applied Physics, Academy of Sciences
 Moldavian SSR, Kishinev

IPMe
 Institut problem mekhaniki AN SSSR
 Institute of Problems of Mechanics, Academy of Sciences
 USSR, Moscow

IPPM
 Institut prikladnykh problem mekhaniki i matematiki
 AN UkrSSR
 Institute of Applied Problems in Mechanics and
 Mathematics, Academy of Sciences Ukrainian SSR, L'vov

IRE
 Institut radiotekhniki i elektroniki AN SSSR
 Institute of Radioengineering and Electronics, Academy
 of Sciences USSR, Moscow

IRFEANArm
 Institut radiofiziki i elektroniki AN ArmSSR
 Institute of Radiophysics and Electronics, Academy of
 Sciences Armenian SSR, Ashtarak

ISAN
 Institut spektroskopii AN SSSR
 Institute of Spectroscopy, Academy of Sciences USSR

ISMSANGruz
 Institut stroitel'noy mekhaniki i seysmostoykosti
 AN GruzSSR
 Institute of Structural Mechanics and Seismic Stability,
 Academy of Sciences Georgian SSR

ITeFuk
 Institut teoreticheskoy fiziki AN UkrSSR
 Institute of Theoretical Physics, Academy of Sciences
 Ukrainian SSR, Kiev

ITPM
 Institut teoreticheskoy i prikladnoy mekhaniki SOAN
 Institute of Theoretical and Applied Mechanics, Siberian
 Branch Academy of Sciences USSR, Novosibirsk

IVTAN
 Institut vysokikh temperatur AN SSSR
 Institute of High Temperatures, Academy of Sciences USSR

IYaFANUz
 Institut yadernoy fiziki AN UzSSR
 Institute of Nuclear Physics, Academy of Sciences
 Uzbek SSR, Ulugbek

KaMI
 Kaunasskiy meditsinskiy institut
 Kaunas Medical Institute

KGU
 Kiyevskiy gos universitet
 Kiev State University

KhADI
 Khar'kovskiy avtomobil'no-dorozhnyy institut
 Khar'kov Highway Institute

KhGU
 Khar'kovskiy gos universitet
 Khar'kov State University

KhPI
Khar'kovskiy politekhnicheskiy institut
Khar'kov Polytechnic Institute

KPIA
Kiyevskiy politekhnicheskiy institut
Kiev Polytechnic Institute

KrGU
Krasnoyarskiy gos universitet
Krasnoyarsk State University

KuAI
Kuybyshevskiy aviatsionnyy institut
Kuybyshev Aviation Institute

KuISI
Kuybyshevskiy inzhenerno-stroitel'nyy institut
Kuybyshev Civil Engineering Institute

LatGU
Latviyskiy gos universitet
Latvian State University

LETI
Leningradskiy elektrotekhnicheskiy institut
Leningrad Electric Engineering Institute

LGPI
Leningradskiy gos pedagogicheskiy institut
Leningrad State Pedagogical Institute

LGU
Leningradskiy gos universitet
Leningrad State University

LIIAAN
Leningradskiy institut informatiki i avtomatizatsii
AN SSSR
Leningrad Institute of Information Science and
Automation, Academy of Sciences USSR

LITMO
Leningradskiy institut tochnoy mekhaniki i optiki
Leningrad Institute of Precision Mechanics and Optics

LitNIINTI
Litovskiy NII nauchno-tekhnicheskoy informatsii i
tekhniko-ekonomicheskikh issledovaniy Gosplana LitSSR
Lithuanian Scientific Research Institute of Scientific
and Technical Information and of Technical Economic
Studies for the State Plan of the Lithuanian SSR,
Vilnius

LIYaF
Leningradskiy institut yadernoy fiziki im B.P.
Konstantinova, AN SSSR
Leningrad Institute of Nuclear Physics imeni B.P.
Konstantinov, Academy of Sciences USSR, Leningrad

LPI
Leningradskiy politekhnicheskiy institut
Leningrad Polytechnic Institute

LTI
Leningradskiy tekhnologicheskiy institut
Leningrad Technological Institute

LvGU
 L'vovskiy gos universitet
 L'vov State University
 MAI
 Moskovskiy aviatsionnyy institut
 Moscow Aviation Institute
 MFTI
 Moskovskiy fiziko-tekhnicheskii institut
 Moscow Physicotechnical Institute
 MGMIVt
 Vtoroy Moskovskiy gos meditsinskiy institut
 im Pirogova
 Second Moscow State Medical Institute imeni Pirogov
 MGU
 Moskovskiy gos universitet
 Moscow State University
 MIFI
 Moskovskiy inzhenerno-fizicheskiy institut
 Moscow Engineering Physics Institute
 MIREA
 Moskovskiy institut radiotekhniki, elektroniki i
 avtomatiki
 Moscow Institute of Radio Engineering, Electronics
 and Automation
 MISIS
 Moskovskiy institut stali i splavov
 Moscow Institute of Steel and Alloys
 MITKhT
 Moskovskiy institut tonkoy khimicheskoy tekhnologii
 imeni Lomonosova
 Moscow Institute of Fine Chemical Technology
 imeni Lomonosov
 MNII
 Moskovskiy NII glaznykh bolezney im Gel'mgol'tsa
 Moscow Scientific Research Institute of Eye Diseases
 imeni Gel'mgol'ts
 MNIIMG
 Moskovskiy NII mikrokhirurgii glaza MZ RSFSR
 Moscow Scientific Research Institute of Microsurgery
 of the Eye, Ministry of Health, Russian SFSR
 MVTU
 Moskovskoye vyssheye tekhnicheskoye uchilishche im
 Baumana
 Moscow Higher Technical College imeni Bauman
 NATI
 Gosudarstvennyy soyuznyy traktornyy NII
 (formerly: NI avtotraktornyy institut)
 State All-Union Tractor Scientific Research
 Institute, Moscow
 NGU
 Novosibirskiy gos universitet
 Novosibirsk State University

NIFKhI

NI fiziko-khimicheskiy institut im Karpova
Scientific Research Institute of
Physicochemistry imeni Karpov

NIIEA

NII elektrofizicheskoy apparatury im Yefremova
Scientific Research Institute of Electrophysical
Equipment imeni Yefremov, Leningrad

NIIFKS

NII fiziki kondensirovannykh sred Yerevanskogo
gos universiteta
Scientific Research Institute of the Physics of
Condensed Media of Yerevan State University

NIKhGGU

NII khimii pri Gor'kovskom GU
Scientific Research Institute of Chemistry at Gor'kiy
State University

NIKvSt

NII kvartsevogo stekla
Scientific Research Institute of Quartz Glass

NIIMF

NII mekhaniki i fiziki Saratovskogo GU
Scientific Research Institute of Mechanics and
Physics of Saratov State University

NIIPFP

NII prikladnykh fizicheskikh problem pri
Belorusskom gos universitete
Scientific Research Institute of Applied Physics
Problems at Belorussian State University

NIRFI

NI radiofizicheskiy institut
Radiophysics Scientific Research Institute, Gor'kiy

NITsTLAN

NI tsentr po tekhnologicheskim lazeram AN SSSR
Scientific Research Center for Industrial Lasers,
Academy of Sciences USSR

NPOKIANAz

Nauchno-proizvodstvennoye ob'yedineniye kosmicheskikh
issledovaniy AN AzSSR
Scientific Production Association of Space Research,
Academy of Sciences Azerbaydzhan SSR, Baku

NPOMetrologiya

Nauchno-proizvodstvennoye ob'yedineniye Metrologiya
Metrologiya Scientific Production Association, Khar'kov

NSFEAS

Nauchnyy sovet po probleme "Fizika elektronnykh i
atomnykh stolknoveniy AN SSSR
Scientific Council on the Physics of Electron and
Atomic Collisions, Academy of Sciences USSR

NSPGAN

Nauchnyy sovet AN SSSR po probleme "Golografiya"
Scientific Council on Holography, Academy of Sciences USSR

NSSAM

Nauchnyy sovet po spektroskopii atomov i molekul AN SSSR
Scientific Council on Spectroscopy of Atoms and Molecules,
Academy of Sciences USSR

OGU

Odesskiy gos universitet
Odessa State University

OIYaI

Ob"yedinennyy institut yadernykh issledovaniy
Joint Institute of Nuclear Research, Dubna

OshGPI

Oshskiy gos pedagogicheskiy institut
Osh State Pedagogical Institute

OTANUZ

Otdel teplofiziki AN Uzbekskoy SSR
Department of Thermophysics, Academy of Sciences
Uzbek SSR

PKBE

Proyektno-konstruktornoye byuro elektrogidravliki
AN UkrSSR
Planning and Design Office of Electrohydraulics,
Academy of Sciences Ukraininan SSR, Nikolayev

SFTI

Sibirskiy fiziko-tekhnicheskiy institut im Kuznetsova
Siberian Physicotechnical Institute imeni Kuznetsov,
Tomsk

SNIIM

Sibirskiy gos NII metrologii
Siberian State Scientific Research Institute of
Metrology, Novosibirsk

TarGU

Tartuskiy gos universitet
Tartu State University

TashGPI

Tashkentskiy gos pedagogicheskiy institut
Tashkent State Pedagogical Institute

TashGU

Tashkentskiy gos universitet
Tashkent State University

TbGU

Tbilissskiy gos universitet
Tbilisi State University

TGU

Tomskiy gos universitet
Tomsk State University

TIASUR

Tomskiy institut avtomatizatsii sistem upravleniya
i radioelektroniki
Tomsk Institute for Automation of Control Systems
and Radioelectronics

TRI

Taganrogskiy radiotekhnicheskiy institut
Taganrog Radio Engineering Institute

TsKBTP
 Tsentral'noye konstruktorskoye byuro tochnogo
 priborostroyeniya, Novosibirsk
 Central Design Bureau for Precision Instrument
 Manufacture, Novosibirsk
TsNIITEIpriboro
 TsNII informatsii i tekhniko-ekonomicheskikh
 issledovaniy priborostroyeniya, sredstv
 avtomatizatsii i sistem upravleniya
 Central Scientific Research Institute of
 Information and Technical Economic Studies on
 Instrument Manufacture, Means of Automation,
 and Control Systems, Moscow
TurkPI
 Turkmenskiy politekhnicheskiy institut
 Turkmen Polytechnic Institute, Ashkhabad
UAI
 Ufinskiy aviatsionnyy institut
 Ufa Aviation Institute
UDN
 Universitet druzhby narodov im Lumumby
 University of Friendship Among Peoples
 imeni Lumumba, Moscow
UrPI
 Ural'skiy politekhnicheskiy institut
 Ural Polytechnical Institute, Sverdlovsk
UzNPOK
 Uzbekskoye nauchno-proizvodstvennoye ob'yedineniye
 "Kibernetika" AN UzSSR
 Kibernetika Uzbek Scientific Production Association,
 Academy of Sciences Uzbek SSR
UZPI
 Ukrainskiy zaochnyy politekhnicheskiy institut
 Ukrainian Correspondence Polytechnic Institute,
 Khar'kov
VGU
 Voronezhskiy gos universitet
 Voronezh State University
VilGPI
 Vil'nyusskiy gos pedagogicheskiy institut
 Vilnius State Pedagogical Institute
VINITI
 Vsesoyuznyy institut nauchnoy i tekhnicheskoy
 informatsii
 All-Union Institute of Scientific and Technical
 Information, Moscow
ViPI
 Vinnitskiy politekhnicheskiy institut
 Vinnitsa Polytechnic Institute
VMOLA
 Voyenno-meditsinskaya akademiya im Kirova
 Military Medical Academy imeni Kirov, Leningrad

VNIFTRI

VNII fiziko-tekhnicheskikh i radiotekhnicheskikh
izmereniy

All-Union Scientific Research Institute of Physico-
technical and Radiotechnical Measurements, Moscow

VNIIGBol

VNII glaznykh bolezney

All-Union Scientific Research Institute of
Eye Diseases, Moscow

VNIImetmash

VNI i proyektno-konstruktorskiy institut
metallurgicheskogo mashinostroyeniya

All-Union Scientific Research, Design and Planning
Institute of Metallurgical Machine Building, Moscow

VNIIMS

VNII metrologicheskoy sluzhby

All-Union Scientific Research Institute of the
Metrological Service, Moscow

VNIIOFI

VNII optiko-fizicheskikh izmereniy

All-Union Scientific Research Institute of
Optophysical Measurements, Moscow

VNIITS

VNI i proyektnyy institut tugoplavkikh metallov
i tverdykh splavov

All-Union Scientific Research and Design
Institute of Refractory Metals and Hard Alloys,
Moscow

VNIPKTIGAGSI

VNI proyektno-konstruktorskiy i tekhnologicheskoy
institut geofizicheskikh, akusticheskikh i
geokhimicheskikh sistem informatsii

All-Union Scientific Research, Planning, Design and
Technological Institute for Geophysical, Acoustic
and Geochemical Information Systems

VNITSISPIV

VNI tsentr po izucheniyu svoystv poverkhnosti i vakuuma
All-Union Scientific Research Center for Studying the
Properties of Surfaces and Vacuums, Moscow

VoPI

Volgogradskiy politekhnicheskoy institut

Volgograd Polytechnic Institute

YeFI

Yerevanskiy fizicheskoy institut

Yerevan Physics Institute

YeGU

Yerevanskiy gos universitet

Yerevan State University

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FADEYEV V YA	16	GAVRIKOV V F	12	GRIN' YU I	10
FADEYEV YU A	26	GAVRILENKO V G	40	GRINENKO V M	8
FAL' A M	91	GAVRILIN S N	36	GRISHMANOVSKIY A N	18
FARADZHEV B G	70	GAVRILOV G A	54	GRISHUNIN P A	84
FAYZULLOV T F	8	GAWLIK W	14	GRODZINSKAYA M D	52
FAZLIYEV A Z	26	GAYSENOK V A	70	GROMOV A I	84
FEDOROV A V	70	GAYSIN R M	8	GROMOV G G	82
FEDOROVICH V YU	14	GAYVORONSKIY V YA	26	GRONKOWSKI J	30
FEDOROVSKIY O D	56	GELASHVILI G V	83	GROSMANN W	17
FEDOSEYEV V N	66	GEL'MUKHANOV F KH	64	GRUDININ A B	30,36
FEDOTOV N G	57	GEORGIYEV N	42	GRUDKIN V N	37
FEDOTOV S I	52,69,73	GERSHENZON YU M	67	GRUZEVIKH YU K	47,50
FEDYANINA YE L	59	GESSEN S B	1	GRUZINSKIY V V	14
FEDYAYEV D I	76,84,85,87	GEVORGYAN A A	54	GUBANOV V A	88
PEPELOV N A	60	GIGEVICH A S	5	GUBIN M A	7
PENG QI-YUAN	66	GILEV A K	14	GUBSKIY V I	58
PERBER R S	37	GILINSKIY I A	39	GUD V V	17
PESENKO L D	28	GILYAROV O N	44	GUDYALIS V V	71
PETISOV S P	64	GINIYATULLIN N I	36	GUDYMENKO L F	72
FILIMONOV S I	6	GIRUTS YE L	6	GUDZIY V I	58
FILINA L I	17	GIZATULLIN R M	12	GUETHER R	50
FILIPCHENKO A S	4	GLADCHENKO L F	70	GULE YE G	72
FILIPPOV V A	77	GLADYSHCHUK A A	3	GULEV V S	1
FINKEL'BERG V M	82	GLAZOV G N	41	GULIS I M	29,73
FINKEL'SHTEYN K I	42	GLEBOVSKIY A A	78	GULYAYEV YU V	34
FIRSOV V A	40	GLIKIN L S	57	GUMBERIDZE G G	83
FIRSOV V S	84	GLINCHUK YA I	33	GUREVICH S B	55,57,88
FIRSOVA L S	44,50	GLUKHIKH V A	78	GURINOVICH V V	71
FIRTSAK YU YU	46	GLYTENKO A L	77	GURSKIY A L	3
FISHER P S	16	GNIDASH N I	81	GURVICH A S	42
FOKHT SH	61	GOL'DMAN V YA	52	GURVICH L V	53
FOMENKO G P	35	GOLDOBIN I S	4	GUR'YANOV A N	58
FOMINSKIY V YU	70	GOLIKOVA YE V	59	GUSAK N V	50
FRADKIN E YE	23	GOLOVASHKIN A I	70,77	GUSAK P M	8
FRANGYAN A A	80	GOLTVYANSKAYA G F	27,28	GUSAKOV YE Z	83
FRANK D	13	GOLUBENTSEV A A	14	GUSEV V E	27
FRANTSESSON A V	43	GOLUBEV G P	20	GUSEV V G	58
FREITAG W	3	GOLUBEV O A	69	GUSHANSKAYA N YU	61
FRENKEL' L A	34	GOLUBEV V G	70	GUS'KOV A G	80
FROLENKO V A	17	GOLUBEV V V	38	GUS'KOV G A	46
PROLOVA M N	35	GOLUBKOV A A	26	GUS'KOV L N	54
FURSOV A N	57	GOLUBTSOV A A	80	GUS'KOV S YU	84
FYN TSI-YUAN'	38	GONCHAR V F	71	GUSOVSKIY D D	58
GABARAYEV R S	57	GONCHAROV I G	35	GUTIN M A	9
GAFIYCHUK V V	28	GONSALES K	4	GUTSUL T D	50
GAGARIN A P	17	GONYAYEV V S	57	HAEFNER H	65
GAKAMSKIY D M	82	GONZALEZ K	4	HAGEMANN E	17
GALANOV A N	78	GORBAN' I S	29	HEIDER M	65
GALANOV YE K	70	GORBARENKO V A	55,57	HOHMANN H	76
GAL'CHINSKIY A V	70	GORBATSEVICH S K	73		
	48	GORBATYUK S N	57		
	57	GORBUNOVA L G	74		
	65	GORDIYENKO V M	21		

IGNAT'YEV A G	60	KALENDIN L A	53	KHANOV V A	57
IGNAT'YEV A V	56	KALENDIN V V	57	KHARITONOV V V	84
IGNAT'YEV S V	38	KALINKIN V YE	49	KHASANOV O KH	52
IGONIN G M	41	KALMYKOV YU K	84	KHASANOV Z M	36
IGOSHIN V N	13	KALMYKOVA S S	31	KHAUSTOV A I	35
IGUMNOV YE A	41	KALONTAROV L I	53	KHAYDAROV D V	30,36
IKRAMI M B	30	KALYAGIN M A	82	KHAYTUN F I	41
IL'CHENKO V S	13	KALYUZHNYAYA G A	3	KHIKMATOV N A	36
IL'ICHEV L V	64	KAMALOV V F	71	KHINRIKUS KH V	88
IL'INOVA T M	20	KAMARDIN I L	9,11	KHITROV A L	84
IL'INSKAYA N D	5	KAMENETS F F	24	KHMELEVSKIY A N	10
IL'INSKIY YU A	25	KAMINSKIY A A	2	KHOLBAYEV A	85
IL'YASOVA SH G	33	KAMSHILIN A A	47,49	KHOLIN I V	8
ILYUKHIN A B	74	KAMUZ A M	15	KHOLMURODOV KH T	22
INYUSHIN V M	33	KANDAUROV A S	2	KHOLODOV YE V	80
IOLTUKHOVSKIY A A	23	KANEV F YU	44	KHOMENKO A V	46,49
IONIN A A	9	KANEVSKIY M F	78	KHOPOV V V	51
IONOV S I	68	KAPKANSCHIKOV O V	66	KHRAMOV V YU	19
IONUSHAUSKAS G	23	KAPTSOV L N	41	KHRANENKO G G	1
IOVU M S	35	KAPUTERKO M N	14	KHRYASHCHEV L YU	64
IRMSCHER M	58	KARAMZIN YU N	42	KHURSHUDYAN M A	20
ISAKOV A I	85,87	KARASEV V A	8	KHVATOVA A V	33
ISHANIN G G	17	KARASIK A YA	58	KIKKARIN S M	27
ISHCHENKO A A	14	KARIMOV R M	71	KIREPA M V	88
ISHMURATOV A N	85	KARNAUKHOV A A	87	KIRICHENKO N A	79
ISKANDAROV Z B	64	KARNYUSHIN V N	14	KIRILLOV G A	85
ISMAILOV I K	62	KARPENKO M I	58	KIRPICHENKOVA YE O	67,68
ISPIRYAN K A	31	KARPOV L G	71	KIRYUNIKOV K V	10
ISPIRYAN M K	31	KARPOV S V	22	KISELEV V P	79
ITKIN A M	41	KARPOV S YU	39	KISELEV YU B	82
ITSKOVA P G	53	KARPOVICH I V	64	KISELEVA K V	3
IVAKHNIK V V	49	KARPUKHIN S N	24	KISELEVA YE S	21
IVANCHENKOV V P	47,48	KARPUSHKO F V	2	KISKIN A B	53
IVANENKO O I	6	KASHA M	5	KISLOV V I	11
IVANENKO O M	70	KASHCHEY V A	38	KITAYEV A YE	34
IVANENKO V V	58	KASHCHUK O L	80	KITAYEV V F	66
IVANKIV YA L	22	KASHIN V V	36	KIYAK S G	82
IVANOV A V	36,44	KASHKAROV S S	42	KLADOV G K	74
IVANOV B B	46	KAS'YANOV YU S	83	KLEMENTI T I	14,34
IVANOV M A	1	KASYMDZHANOV M A	39	KLEVITSKIY B G	36
IVANOV O G	41	KASYMDZHANOVA M A	61	KLEYMENOV V V	44
IVANOV S A	79	KATARKEVICH V M	67	KLIMENKO I B	77
IVANOV S G	66	KATSAP V N	4	KLIMENKO YU K	37
IVANOV V A	7,81	KATULIN V A	12	KLIMKIN V F	59
IVANOV V B	25,29	KATUSHKINA N V	57	KLIMOV I V	86
IVANOV V S	52,69	KAZAK N S	71	KLIMOV V I	69
IVANOV V V	2,84	KAZAKOV B N	2	KLIMOVA N V	15
IVANOV V YU	45	KAZANSKIY L P	78	KLIMOVSKIY I I	11
IVANOV YU L	3	KAZARYAN M A	62	KLINKOV V K	7
IVANOV-OMSKIY V I	70	KAZARYAN R A	19	KLISHINA T V	50
IVANOVA YE A	66	KAZEYEV M N	55	KLOCHKOV V P	57
IVANOVSKAYA M I	58	KECHIYANTS A M	19	KLOPKOV N S	58
IVANOVSKIY A L	88	KELOGLU O YU	64	KLUSHIN V N	24
IVASHCHENKO M I	77	KEPRT J	59	KLYSHKO D N	21
IVASHCHENKO YU N	35	KERVALISHVILI P D	77	KNOELL L	32
IVASHOV G P	80	KETKOVICH A A	89	KNYAZ'KOV A V	18
IZMAYLOV A CH	71	KETSLE G A	5	KOBYLYANSKIY A I	53
IZMAYLOV G N	58	KEUSCH C	70	KOCH F	65
IZMAYLOVA V N	50	KEVORKOV A M	29	KOCHEMASOV G G	85
IZOSIMOV I N	86	KHABAROV S E	35	KOCHEROV D A	30
JACOBS B	65	KHABAROV V N	68	KODRENUCHUK L N	58
JAHNKE R	70	KHARIBULLAYEV B K	81,85	KOGAN A M	77
JUNGE K	84	KHABIBULLAYEV P K	2,34,39	KOKODIY N G	55
KAARLI R	51	KHADZHI P I	21	KOL'CHENKO A P	9
KABANOV I S	54	KHADZHIYSKIY A	42	KOLDUNOV M F	77
KACZMAREK F	32	KHAKHALIN S YA	87	KOLESOV I V	86
KADZHAR CH O	74	KHAKIMOV F KH	22	KOLIKOV V M	59
KAKABADZE G L	62	KHALILOV V KH	71	KOLOBKOV V P	36
KAKICHASHVILI SH D	50,51	KHALIMONOVA I N	72	KOLOBRODOV G N	36
KAKICHASHVILI V I	51	KHAMITOV V A	79	KOLOBRODOV V G	71
		KHAN V A	62	KOLOMENSKIY AL A	27
		KHANBEKYAN A M	65	KOLOMIYETS T M	15
				KOLOSHNIKOV V G	68

KOLOSOV V V	41	KOZEYEVA L P	29	KURBANOV K	2
KOLOVSKIY V B	62	KOZHEVNIKOV A V	8	KURBATOV G M	53
KOLYSHKIN V I	5	KOZIN G I	41	KURENKOV A V	44
KOMAROV K P	2	KOZLOV L F	57	KURILKO V I	31
KOMONI I I	61	KOZLOV P V	72	KURKOV A S	35
KOMOVA M G	70	KOZLOV V A	58	KURNOSOV A N	88
KOMPANETS I N	48	KOZLOV V S	37	KURNOSOV I V	74
KOMYAK A I	29	KOZLOVSKIY V I	4	KUROV A YU	12
KONDAKOV M YE	38	KOZYREV YU P	86	KUROV D A	86
KONDILENKO YE I	43	KOZYRKIN B I	61	KURSHYALIS S K	54
KONDRATENKO P S	40	KRASA J	12	KUSCH S	84
KONDRAT'YEV V A	37	KRASAVINA YE M	4	KUSH S	84
KONEV YU B	10	KRASAVTSEV V M	17	KUSHCHENKO A YU	36
KONONENKO V G	77	KRASHAKOV S A	5	KUSHKIMBAYEVA B ZH	82
KONOTOPOV A N	60	KRASIL'SHCHIK V Z	35	KUTELIYA E R	77
KONOV V I	6,78,79	KRASIN'KOVA M V	46	KUTNER V B	86
KONOVALOV V A	37	KRASNOVOBODTSEV S I	77	KUTSAK A A	7
KONSTANTINOV V B	55	KRASOVITSKIY D V	21	KUVSHINSKIY N G	55
KOPTEV V G	2	KRASYUKOV YU N	76	KUZELEV M V	31
KOPYLOV L N	54	KRAVCHENKO A A	57	KUZ'MICHEVA V M	55
KOPYLOV S M	6	KRAVTSOV V B	50	KUZ'MIN O V	1
KOPYSOV I A	87	KRAVTSOV YU A	42	KUZ'MIN R N	31
KOPYTIN YU D	62	KRAYSLER O D	15	KUZ'MIN V I	86
KORBUTYAK D V	81	KREKOV G M	42	KUZ'MINOV YU S	18
KORESHEV YE R	84	KREKOVA M M	42	KUZ'MISHCHEV V A	77
KORN G	84	KREMNEV L S	80	KUZNETSOV E A	83
KORNELYUK V N	66	KREYNGOL'D S U	35	KUZNETSOV I G	43
KORNEYEV A A	23	KRISYUK V YA	55	KUZNETSOV I V	76
KORNEYEV V I	35	KROO N	21	KUZNETSOV M F	41
KORNILOV S T	41	KRSEK J	59	KUZNETSOV S G	12
KORNIYENKO L S	64	KRSTIC P S	65	KUZNETSOV V A	89
KOROBKIN D V	36	KRUCHNOV V YU	4	KUZNETSOV V V	60
KOROBKIN V V	26,83,86	KRUGLOV B V	84,87	KUZNETSOVA A L	46
KOROLEV B V	69	KRUMIN' A E	18	KUZNETSOVA V V	29
KORONKEVICH S V	50	KRUZHKOVA S N	71	KUZYAKOV YU YA	69,74
KORONKEVICH V P	57	KRYANINA M N	80		
KOROTEYEV N I	72	KRYANOV S A	70	LADOKHIN A S	71
KOROTKOV S A	68	KRYSHKIN V I	37	LAEDKE E W	25
KOROVIN L I	49	KRYSTEV G	42	LAKOBA I S	29
KOROVKINA L I	22	KRYUCHKOV S I	10	LAMAZHAPOV KH D	14
KORSHUNOV I P	36	KRYUKOV A P	54	LANDA K A	88
KORYAKOVTSSEV V S	38	KRYUKOVA I V	4	LANGBEIN U	21
KORZHIK YU V	46	KSANDOPULO G I	67	LANGER J M	81
KORZININ YU L	51	KUBYSHKIN A P	21	LASHKOV G I	51
KOSHCHIYENKO A V	61	KUCHARCZYK W	64	LASKA L	12
KOSHECHKIN S L	43	KUCHIKYAN L M	38	LAVRINENKO A V	15
KOSHELYAYEVSKIY N B	54	KUCHINSKIY A A	9,11	LAVROV A P	28
KOSICHKIN YU V	72	KUCHINSKIY A G	84	LAVROV A V	9
KOSNIKOV A YU	68	KUCH'YANOV A S	2	LAZAREV V B	81
KOSTENICH YU V	5	KUDRYASHOV I A	45	LAZAREV V V	2
KOSTIN N N	4	KUDRYAVTSEV A A	7	LAZO V V	34
KOSTOUSOV V D	58	KUDRYAVTSEV N N	10	LEBEDEV YE N	47
KOSTYRKIN B V	59	KUDRYAVTSEVA G I	18	LEBEDEVA T P	50
KOSTYSHIN M T	15	KUKHTAREV N V	49	LEBO I G	84
KOSULIN N L	64	KUKK P L	34	LEDERER F	21
KOT G G	11	KUKLIN S V	37	LEGOSTAYEV V N	17
KOTKIN A L	64	KUKUSHKIN A G	27	LEMANOV V V	27
KOTKOV A A	9	KULAK I I	14	LEONOV YE I	35
KOTLIKOV YE N	64	KULAKOV YA L	34	LERMAN A A	26
KOTLYARCHUK B K	82	KULASHCHIK S M	2	LERNER P B	32
KOTOV I R	51	KUL'BATSKIY YE B	80	LETOKHOV V S	52,53,63
KOTOVA S P	38	KULESH V P	56		66,68
KOTSARENKO N YA	23	KULEVSKIY L A	24,30	LEUPOLD D	70
KOVALENKO A N	67	KULIKOV A N	53	LEVANOV YE I	84
KOVALEV A A	44	KULIKOV S G	74	LEVIN I M	41
KOVALEV A M	59	KULIKOVSKIY B N	44	LEVINSON G R	55
KOVALEV A S	90	KULYGINA N A	16	LEVKIN L V	34
KOVALEV V F	21	KUPCH YA A	34	LEVOV S N	47
KOVALEV V I	44	KUPCHENKO L F	28	LEVSHIN L V	5
KOVALEVICH A M	79	KUPKE W	13	LIBENSON M N	78,81
KOVALEVSKIY V I	67	KURASHOV V N	39,61	LIBERA L	52
KOVARSKIY V A	64	KURATEV I I	23	LIKHANSKIY V V	14,21,44,50

LIPATOV N I	9	MAKSIMOV V N	8	MERKUL'YEV YU A	84,85
LIPINSKI A	78	MAKSIMYAK P P	48	MERZLYAKOV N S	51
LIPOVSKIY A A	35	MAKUKHA V K	54	MESHCHERYAKOV N A	16
LISACHENKO A A	78	MALAKHOV A N	45	MESHKOV B B	90
LISITSA M P	72	MALAKYAN YU P	21	MESHKOVSKIY I K	77
LISITSYN I V	66	MALASHKEVICH G YE	5	MEYKLYAR M P	51
LISITSYN V N	54	MALIMON A N	54	MEYSNER L B	23
LISUNOV V V	84,85	MALOV A N	38,49	MEZENTSEV V K	21,83
LITOVCHENKO V G	81	MAL'TSEVA N A	59	MIHAILESCU I N	80
LOBANOV O V	37	MALYSHEV A V	39	MIKHAYLOV A YE	13
LOBAZOV A F	70	MALYSHEV S L	6	MIKHAYLOV V P	14
LOEBE K	72	MALYSHEV YU M	55	MIKHAYLOV YU A	76,84,85,87
LOGUNTSEV YE N	71	MALYSHEVA I B	79	MIKHAYLOVSKIY S S	8
LOKHMANN V N	67,68	MALYUTA D A	78	MIKHEYENKO A V	21
LOMAKIN A V	72	MALYY V I	43	MIKHEYEV L D	12
LOPATIN V N	40	MAMEDBEYLI I A	74	MIKHEYEV P A	37,39
LOPUKHIN V M	89	MAMEDOV F M	62	MIKHKEL'SOO V T	62
LOSEV S A	72	MANDROSOV V I	88	MIKLA V I	73
LOSEVSKIY N N	49	MANENKOV A A	77	MIKLAVSKAYA YE M	71
LOSHCHINOV V I	34	MANICHEV I A	14	MIKSUYU YU I	73
LOSHIN A F	69	MANSYREV M M	48	MILOSEVIC D B	65
LOSHKAREVA N N	74	MARCHEVSKIY F N	45	MILOVSKIY N D	43
LOSHKAREVA N S	80	MARENKOVA I N	73	MINASYAN L L	24
LOTKOVA E N	9	MARGOLIN A D	9,14	MINAYEV N S	73
LOZOVIK YU YE	64	MARGULIS V A	77	MINOGIN V G	21
LOZOVSKIY V N	4	MARKARYAN G R	70	MIRKIN L I	77
LUCHININ A G	41	MARKELOV YE YU	86	MIRONENKO S I	2
LUCHINSKIY D G	20	MARKELOVA L P	42	MIRONOS A V	50
LUDINKOV V V	18	MARKEYEV A M	80	MIRONOVA T A	16
LUGINA A S	71	MARKHVIDA I V	51	MIROSHNICHENKO A V	55
LUKINSKIY S V	28	MARKOV P I	89	MIROV S B	2,67
LUKINYKH V F	22	MARKOV YE V	4	MIROVITSKAYA S D	61
LUKIYAN L N	82	MARKUSHEV V M	70,75	MIROVITSKIY D I	39
LUKOMSKIY N G	65	MARTYNOVICH YE F	1	MIRTADZHIYEV F M	39,61
LUKOSHKIN V A	56,82	MARTYUKHINA L I	27	MIRZAYEV A T	61
LUK'YANCHUK B S	79	MARUPOV R	53	MISHAKOV V G	7
LUK'YANOV A T	53	MASEK K	12	MISHCHENKO A V	14
LUK'YANOV G A	11	MASHCHENKO A I	39	MISHCHENKO V A	8
LUK'YANOV V N	30,61	MASLENNIKOV N M	72	MISHIN V I	52,73
LUNYAKOVA G A	48	MASLOV N V	85	MISHINA YE D	19
LUSKIN B M	83	MASLOVA N S	32	MISHURNYY V A	4
LUSKINOVICH P N	30	MASLYANKIN V I	84	MIS'KEVICH A I	11
LUTKOVSKIY V M	58	MATKOVSKIY A O	66	MITDANK R	65
LUTSIV-SHUMSKIY L F	64	MATROSOV I I	69	MIT'KINA N N	29
LYADZHIN V A	42	MATSONASHVILI B N	75	MITROFANOV V V	87
LYAKHNOVICH A V	19	MATVEYENKO A V	75	MITSEN K V	70
LYALIKOV A M	62	MATVEYENKO YE V	4	MITTOVA I YA	73
LYSANOVA G V	70	MATVEYEV A N	26,36	MITYAGIN YU A	3
LYSENKO G K	55	MATVEYEV B A	82	MKOYAN A S	25
LYSKOVICH A B	65	MATVEYEV D T	42	MLADENOV G	79
LYTKIN A P	9	MATVEYEV I N	88	MOCHALOV I V	24
LYUBOV V YA	77	MATVEYEV M YU	72	MODRIC D	73
LYUTSKO V A	74	MAURER I A	57	MOISEYENKO I F	78
		MAVLIYEV R A	43	MOKROS I J	59
MACHEKHIN YU P	8	MAYMISTOV A I	20	MOKRUSHIN YU M	47
MAGDINA I I	18	MAYOROV A V	57	MOKRYI O M	64
MAK A A	29	MAYOROV S A	86	MOLODKINA L M	59
MAKAI JANOS	55	MAYOROV V S	80	MOLODYAKOV S A	48
MAKAI JOZSEF	55	MAYSURADZE G G	25	MORICHEV I YE	18,47,48
MAKAREVSKAYA YE V	35	MAYSURADZE L A	51	MOROZOV A N	38
MAKAROV G N	67,68	MAYYER A A	37	MOROZOV V P	2
MAKAROV V A	26	MAZMANISHVILI A S	17	MOROZOVA I N	36
MAKAROV V V	79	MAZOVKO A V	5	MOROZOVA N K	89
MAKARSKAYA N V	33	MAZUR M M	26	MORSHIYEV S K	34
MAKHALOV I K	42	MAZUR M YU	76,87	MOSKALIK L M	56
MAKHMUDOV E B	37	MDIVANYAN B E	65	MOSKOVETS YE V	66
MAKHONIN I I	79	MEDVEDEV B A	72	MOSTOVNIKOV V A	70
MAKHSUDOV B I	33	MELIKYAN O G	20	MOSYAK A A	22
MAKIN G I	66	MEL'NIK N N	72	MOTKIN V S	2
MAKIN V S	81	MEL'NIK P G	3	MOTYLEV S L	26,86
MAKRAVEYEV V I	37	MEL'TSIN A L	66	MOVSESYAN M YE	65,73
MAKSIMCHUK A M	76,87	MERKULOV D G	8	MOVSESYAN R YE	65

MUDRYI A V	73	NOVIKOV M G	69	PARYGIN V N	89
MUKHIN V V	12	NOVIKOV S A	57	PASHAYEV O K	22
MUKHAMADZHANOV M A	26	NOVIKOV V B	4	PASHCHENKO G YE	18
MUKHIN YU V	24	NOVIKOVA YE V	44	PASHININ P P	9,44
MUKHTAROV E I	76	NOVODVORSKIY O A	74	PASMANIK G A	45
MURADOV I G	14	NOZDRIN YU N	3	PASYUK A S	86
MURADYAN A ZH	67	NYATIKSHIS V V	81	PATUK A I	73
MURADYAN L KH	37			PAVEL'YEV A B	20
MURAV'YEV A V	3	OBLIZIN A N	86	PAVLENKO V K	71
MURAV'YEV V V	67	ODINOKOV S B	46	PAVLIK B D	40
MURINA T M	34	ODINTSOV V A	18	PAVLINSHIN I V	27
MURUGOV V M	85	OELGART G	65	PAVLOV A V	51
MURZIN V N	3	OGANESYAN M K	30	PAVLOV S A	3
MUSIKHIN V A	18	OGANESYAN R G	43	PAVLOV V A	72
MUSTAYEV P T	82	OGANESYAN S G	31	PAVLOV V N	11
MYL'NIKOV G D	8	OGURTSOVA L A	71	PAVLOVA N O	11
MYSLIVETS S A	22	OKSENGEDLER B L	52	PAVLOVSKIY B A	59
		OKUNEV R I	41,47	PAVLYUK A A	29
NABOYKIN YU B	71	OKUTIN G P	85	PAVLYUK V I	81
NADENENKO A V	71	OLEKSENKO P F	15	PECHEN' YE V	77
NADEZHDINSKIY A I	72,73	OLEVSKIY S S	61	PED'KO S N	38
NAGIBIN YU T	13	OL'KHOVAYA L A	30	PEGAR'KOV A I	53,74
NAMM A V	4	ORAYEVSKIY A N	86	PEKAR' G S	15
NAPARTOVICH A P	8,14,21,44	ORAYEVSKIY I N	10	PEKLECHKOV V D	86
NARVA V K	80	ORDZHONIKIDZE S K	59	PERLENKOV V D	86
NASIBOV A S	4	ORESHKO YE V	15	PELYUKHOVA YE B	13
NAUMOV A F	38	ORISHICH A M	86	PENCHEVA V KH	54
NAWROT W	7	ORLOV O V	47	PENIN A N	21
NAZARENKO V G	77	ORLOV V V	84	PENKIN N P	11
NAZARKIN A V	7	ORLOV V YU	78	PENTKO V YA	82
NAZAROV V L	39	ORLOVA I B	13	PEREKHOZHEVA T N	74
NAZAROV V V	19	ORLOVICH V A	11	PEREKRESTOV V I	81
NAZARYAN A A	43	ORLOVSKIY YU V	68	PEREL'MAN N F	22
NEBOGOV S M	34	OSADCHEV L A	38	PERFIL'YEV V A	75
NECHAYEV S V	70	OSADCHIYEV V M	23	PERLIN YE YU	56
NEFED'YEV L A	51	OSETROV V P	84	PERMINOV S M	36
NEMCHENOK A S	77	OSHEMKOV S V	68	PERMINOVA V N	36
NEMCHINOV I V	42	OSIRO V V	1,68,75,89	PERSONOV R I	74
NEMETS A M	68	OSIPOV M V	84	PETRAKOVA T V	4
NEMETS V M	73	OSIPOV V YU	16	PETRASH G G	62
NEMKOVICH N A	70	OSIPOV YU V	16	PETRENKO N YE	46
NEMTSEVICH M P	73	OSTEN W	59	PETRISHCHEV V A	41
NESTERIKHIN YU YE	83	OSTROUMOV V G	1	PETROPAVLOVSKIY A I	13
NESTEROV A P	33	OSTROVSKIY I V	27	PETROSYAN A A	20
NESTEROV D A	50	OSUTIN A V	70	PETROSYAN L S	30,67
NEVOLIN V N	80	OVCHARENKO N V	36	PETROSYAN S G	17
NICKLES P	84	OVCHAROV A T	17	PETROV A A	19,68,73
NIFTIYEV G M	75	OVCHINNIKOV A V	5	PETROV A L	12
NIKIFOROV M YA	58	OVCHINNIKOV S N	54	PETROV A N	9
NIKIFOROV V G	69	OVSİK YA	85	PETROV M P	19,49
NIKIFOROV YU T	50			PETROV S I	85
NIKITCHENKO V M	67	PAK G T	4	PETROV S S	40
NIKITENKO A I	84,85	PAKHOMOV L N	41	PETROV V M	46
NIKITENKO V A	3	PAKHOMOVA T A	34	PETROV V N	61
NIKITIN S YU	24	PAKTER M K	5	PETROV V V	41
NIKITIN V A	37	PALAVANDISHVILI L S	26	PETROV YU N	79
NIKITIN V V	7,63	PALAZOV D V	60	PETROVA L I	18,47
NIKITOV S A	36	PALKIN A M	10	PETROVA N N	37
NIKLES P	84	PALMTSHOFER L	81	PETROVSKIY G T	67,88
NIKOLAYCHENKO V G	37	PAL'TSEV L L	28	PETRU F	59
NIKOLAYEV A V	8	PANIN YU M	1	PETRUN'KIN V YU	27,41
NIKOLAYEV F A	58	PANKOWSKI J	7	PETSKUS A M	47
NIKOLAYEV V D	12	PANOV A B	42	PETUKH M L	87
NIKOL'SKIY M YU	1,28,32	PANOV V P	77	PETUKHOV V O	9
NIKONENKO YE A	73	PAPAZYAN T A	30	PEVNITSKIY I V	71
NIKULOVA G A	35	PAPERNNY S B	25,29	PEZT V E	62
NINOYAN ZH O	54	PARAKHIN V YE	58	PICHKASOV V M	12
NIRSHA B M	73	PARAMONOV L YE	40	PICHLER G	73
NORINSKIY L V	7	PARAMONOV YU M	5	PIKKEL' E V	42
NOSKIN V A	74	PARASHCHUK V V	3	PILIPETSKIY N F	24,80
NOVIKOV A I	67	PARFENOV A V	38	PINTER F	25
NOVIKOV L N	23	PARFENOV V G	13	PIROGA S A	65

PIROZHKOV N A	54	PUKO R A	29	RUBENCHIK A M	25
PISARENKO V F	1	PULYSHEV V V	86	RUBIKIS R YA	33
PISAREV V S	57,60	PUSHKINA T N	4	RUBINOV A N	5,6,67,70
PISKARSKAS A	23	PUSTOGAROV A V	60	RUDENKO K V	82
PIS'MENNY V D	78	PUSTOVALOV V V	21	RUDOY I G	12
PLAKHOTNIK T V	5	PUSTOVOY V I	24,79	RUKHADZE A A	31
PLATONOV YE M	60	PUSTOVOYT V I	26	RUL'KOV N F	43
PLATONOVA I V	77	PYANCHENKO V YA	21	RUPASOV A A	84
PLESHAKOVA R P	87	PYATAKHIN V I	35	RUSANOV S YA	36
PLESHANOV YU V	42	PYATNITSKIY L N	41	RUSOV N YU	43
PLETNEVA N I	18,47	PYATRAUSKAS M B	81	RYABCHENKOV V V	76
PLOTNICHENKO V G	35	PYNDYK A M	5	RYADNOV S N	29
PLYAVENEK A G	30	PYZIN G P	60	RYAKHIN A D	43
PODOL'SKIY B S	79			RYAZANOV N S	76
PODTYKAN F P	78	RAABE K	55	RYAZANTSEVA N V	39
PODVYAZNIKOV V A	18	RABA O B	33	RYL'KOV V V	74
POGOSYAN E M	30	RABCHUK A V	36	RYSKOV V M	40
POKORA L	7	RACHKOV I A	61	RYSKIN YA I	75
POKORMYAKHO N G	10	RADLOFF W	76	RYZHKOV M V	88
POKOTILO I L	77	RAKHIMOV A T	90	RZHANOV YU A	58
POKROVSKAYA F S	71	RAKITIN V D	58		
POLIKHONOV G N	57	RAKOV V N	16	SADOVSKAYA O L	78
POLISHCHUK V A	65	RAKOVSKIY V YU	27	SADOVSKIY V N	44
POLONIN A K	77	RAL'CHENKO V G	79	SAFIN V M	77
POLONSKIY L YA	41	RAPOPORT L P	53,74	SAFONOV A N	80
POLOVINKIN A V	45	RASSKAZOV S A	41	SAFONOV V V	71
POLOVINKO I I	27	RASSUDOVA G N	15	SAGITOV S I	12
POL'SHCHIKOV G V	17	RASTOPOV S F	65	SAGUN YE I	71
POLUSHKIN I N	66	RASTORGUYEV YU G	55	SAICHEV A I	45
POLYAKOV B I	62	RASULOV R YA	65	SAIDOV R P	2,31
POLYANIN V YE	58	RAUBISHKO B N	33,34	SAKHAROV D K	37
POLYANSKIY A A	16	RAUCH R	29	SAKHOVSKIY S YE	66
PONATH H E	21	RAYCHENOK T F	68	SALASHCHENKO N N	83
PONEZHA G V	43	RAYK YU B	14	SALAYEV E YU	74
PONOMARENKO A G	86	RAYNEKE V	84	SALEWSKI K D	57
PONOMARENKO T M	46	RAZUMEYENKO M V	68	SAL'KOVA YE N	52
PONOMAREV A S	62	REBANE A	51	SAL'NIKOV YE N	46
PONOMAREV D I	9	REBANE I	74	SALOV A V	81
POPELA B	59	RED'KO T P	11	SAMARSKIY A A	84
POPOV A G	41	REINECKE W	84	SAMARTSEV V V	51
POPOV A K	22	REKHVIASHVILI D N	61	SAMOKHVALOV A A	74
POPOV V P	4	REMIZOV S A	55	SAMOYLOV V D	42
POPOVA M F	33	REVOKATOVA I P	3	SAMSONOV A G	83
POPOVA N R	51	REYNGOL'D V A	3	SANDAKOV A N	17
POPOVA T N	69	REZNIKOV P V	4	SANDAKOV V S	86
POPOVICH D I	82	REZNIKOVA L A	73	SANNIKOV YU A	71
POROYKOVA A I	68	RHEINLAENDER B	65	SARBEI O G	63
PORTNOY YE L	4	RIKER R	84	SARKISOV O M	68
POTAPOV M M	53	RINKEVICHYUS B S	60	SASHIN YU N	1
POTAPOV V T	34	ROBUR L I	23	SASKEVICH N A	2
POTYKEVICH I V	57	RODE A V	84	SATTAROV D K	89
POVALYAYEV O A	60	RODES E KH	14	SATTAROV F A	51
POZDNEYEV S A	12	RODICHKIN V A	9,11	SAUTENKOV V A	63
PRAKHOV S S	66	RODIN V V	77	SAVCHENKO S K	60
PREOBRAZHENSKIY N G	69,85	RODIONOV G D	29	SAVCHENKO S M	84
PRESNYAKOV G S	60	RODISHEVSKIY A V	10	SAVCHENKO V N	38
PRESNYAKOV YU P	59	ROGOV V S	7	SAVCHUK A V	52
PRIBYTKOV A V	18	ROMANENKO P F	15	SAVEL'YEV A D	6
PRIKHOD'KO G K	58	ROMANENKO V I	30	SAVEL'YEV A N	83
PRIYEZZHEV A V	41	ROMANIUK R	32,37	SAVITSKIY I V	66
PRODAN YE A	74	ROMANOV A M	47	SAYECHNIKOV K A	29
PROKHOROV A M	1,6,9,18,28	ROMANOV A V	8	SAYENKO I I	48
	30,34,36	ROMANOVSKIY O A	42	SCHAEFER F	13
	58,79	ROMANOVSKIY YU V	74	SCHOENNAGEL H	84
PROKHOROV V P	37	RONE I V	33	SDOBYREV V V	77
PRONIN N V	86	RONZHIN A I	37	SEBEKINA N N	39
PROTASEVICH YE T	62	ROSTOVTSEV YU V	66	SEBRANT A YU	78
PROTSENKO YE D	7,41	ROZANOV V B	84	SEIDLI G S	62
PROVOTOROV S V	63	ROZANTSEV V A	87	SEKATSKIY S K	52
PRZHEVSKIY S S	17	ROZHDESTVENSKIY YU V	21	SELENT'YEV D G	59
PUDKOV S D	78	ROZNIAKOWSKI K	78	SELEZNEV V A	15
PUKHOVA V V	73	RUBANOV A S	15,49	SELEZNEVA L A	11

SELISHCHEV S V	80,82	SHIROKOV V F	78	SMOLITSKIY V A	35
SELIVEROV S N	60	SHKADAREVICH A P	2,14,29	SMOLOV V B	47
SEMAK D G	73	SHMAL'GAUZEN V I	44,45	SMORGONSKIY A V	31
SEMENENKO A V	23	SHMAVONYAN S V	73	SMOTKIY O I	16
SEME NOV A T	4,60	SHMELEV V M	9,14	SMUROV I YU	80
SEME NOV O G	86	SHMIDT N M	61	SMYSHLYAYEVA O YU	71
SEME NOV S A	9	SHOKHUDZHAYEV N	4	SNETKOV YE I	46
SEME NOV V N	73	SHOTTER L L	34	SNGRTYAN YE A	30
SEME NOVA L V	8	SHPAK M T	57	SNYTNIKOV V N	86
SEMEROK A F	44,50	SHPILEVOY B N	84	SOBEL'MAN I I	83
SEMI DETNOV N V	40,59	SHPOTYUK O I	66	SOBIOV M M	25
SEMI LETOV S A	61	SHREDER T	23	SOBOL' A A	1,75
SEMINOGOV V N	22,39,40,78	SHTANDEL' S K	56	SOBOLEV A G	30
SEMI OKHIN I A	18	SHTENTSEL' O	72	SOBOLEV G A	50
SENATOROV A K	58	SHTERNBERG A P	18	SOBOLEV N N	9
SENATSKIY YU V	2,84,85	SHITOKMAN M I	20	SOBOLEVA S B	50
SENIK A V	85	SHUB V E	79	SOCHACKI J	16
SENTSOV YU I	43	SHUBADEYEVA L P	42	SOCHAVA S L	52
SERDYUK V M	45	SHUBNIKOV YE I	51	SOKOL'NIKOV A S	53
SEREGIN V F	30	SHUMYATSKIY P S	54	SOKOLOV A V	34
SERENKO M YU	60	SHURENKOV YE P	80	SOKOLOV V I	22,39,40
SERES F	25	SHURULINKOV S P	60	SOKOLOVA L K	5
SERGEYEV A N	38	SHUTOV S D	35	SOKOLOVSKAYA A I	24
SERGEYEV A S	31	SIDOROV N V	76	SOLDATENKOV V A	50
SERGEYEV P B	82	SIDOROV T A	66	SOLDATOV V I	50
SERGEYEV S O	72	SIDOROV V S	30	SOLNTSEV V P	1
SERKIN V N	36	SIDOROV YU I	72	SOLODKOV A F	30
SHAGIYEV YU M	66	SILENKO V V	72	SOLODKOV V M	84
SHALAYEV V M	20	SILICHEV O O	13	SOLOV'YEV A A	73
SHANDAROV S M	38,91	SILIN V P	25,85	SOLOV'YEV A P	56
SHANIN O I	44	SILIVRA A A	23	SOLOV'YEV N A	83
SHAPIRO D A	10,67	SIMONCHIK L V	83	SOROKA A M	12
SHAPOSHNIKOV S N	16,28,91	SIMONENKO V N	53	SOROKIN N G	24
SHARYGIN L M	71,74	SIMONOV A P	62	SOROKIN V B	29
SHASHKOVA I L	74	SINEOKIN V I	86	SOROKIN YE V	1
SHASTIN V N	3	SINIGIBSKIY A I	48	SOROKINA I T	1
SHATALIN I D	51	SINITSYN D V	9	SOROKO L M	60
SHATS YA B	50	SINITSYN G V	2,19	SOSKIN M S	57
SHATSEV A N	19	SINITSYNA S V	56	SOSNIN V P	34
SHAYKEVICH I A	23,76	SINYAVSKIY E P	64	SOSNINA G F	53
SHAYYMKULOV M O	15	SIRO F VASKES	38	SOTNIKOVA G YU	54
SHCHEGLOV V A	12	SIRUTKAYTIS V	23	SOZINOV V N	10
SHCHELEV M YA	18	SITNIK D N	51	SPATSCHEK R H	25
SHCHEPINOV V P	60	SIYANITSA P YE	61	SPLAVNIK YU V	41
SHCHERBAKOV A A	84	SKACHKOV A N	53	STABNIKOV M V	37
SHCHERBAKOV A I	66	SKLIZKOV G V	2,76,84,87,90	STAHL A	3
SHCHERBAKOV A S	27	SKLYAROV YU M	20	STARCHENKO A N	55
SHCHERBAKOV I A	1,2,28,32	SKOBELEV I YU	87	STASEL'KO D I	6
SHCHERBAKOV M A	1	SKOCHILOV A F	51	STASHKEVICH I V	15
SHCHERBINA K G	77	SKOROBOGATOV G A	53	STASYUK I V	22
SHCHIPUNOVA N A	52	SLABKO V V	22	STAVITSKAYA G P	75
SHELKOV N V	30,60	SLAVENAS YU YU YU	71	STAVROVSKIY D B	12
SHELOBOLIN A V	84	SLIVKA V YU	73	STEFANOV S M	60
SHEM SHURENKO YE G	16	SLOBODSKOY M V	62	STEFANOVICH V A	73
SHENNAGEL' KH	84	SLOBODYANYUK A I	70	STEFFEN U	13
SHENYAVSKAYA YE A	53	SLOBODYANYUK A V	29	STEJSKAL A	59
SHERSTNEV K B	84	SLYUSAREV N S	54	STEPANOV S I	19,52
SHESHUKOV A P	57	SMALIKHO I N	40	STEPANOV V YE	77
SHESTAKOV N P	57	SMAYEV V P	49	STEPANOV YE V	72
SHEVCHENKO V A	29	SMIRENKINA I I	68	STEPANOV YU YU	79
SHEVEL'KO A P	83	SMIRNITSKIY V B	4	STEPANOVA M A	78
SHEVEREV V A	9	SMIRNOV A G	90	STEPIN A P	17
SHEVYREV A S	6	SMIRNOV A V	66	STERLYADKINA YE A	69
SHEYNIN M G	59	SMIRNOV A YU	5	STETSENKO S G	86
SHIBARSHINA G D	21	SMIRNOV D F	32	STIEL H	70
SHIBKO A N	79	SMIRNOV G I	21,66,67,83	STOKLITSKIY S A	3
SHIFRIN K S	41	SMIRNOV V A	1,46	STOYANOV KH YU	60
SHIKANOV A S	84,87	SMIRNOV V I	60	STRIGUN V L	6
SHIKANOV A YE	87	SMIRNOV V L	50	STRIKOVSKIY M D	82
SHIKHSANDOV M SH	65	SMIRNOV V S	14,64	STRIZHEVSKIY V L	45
SHILKINA T YU	74	SMIRNOV YE P	66	STROGANOVA N S	66
SHIPOV N V	23	SMIRNOVA T V	52	STUCHEBRYUKHOV A A	68

STUDENIKIN L M	19	TITOV A N	22,55	USTINOVSKIY N N	8
STUDENIKIN P A	1,28	TITOV G A	42	USUPBEKOVA B SH	34
STUS' N M	82	TITOVA T V	66	USVYAT I I	4
SUBASHIYEV A V	63	TKACHENKO T L	7	UTKIN I A	51
SUBASHIYEV V K	26	TOCHITSKIY S YA	9	UTKIN V G	52
SUBBOTIN F M	47	TODRIYA T E	29	UVAROVA T V	2
SUBBOTIN V I	84	TOEPFER K	29	UZHINOV B M	5
SUDARKIN A N	24,80	TOKAREV A G	1	UZIYENKO D A	86
SUD'YENKOV YU V	27	TOKAREV V N	78		
SUKENBAYEV A S	78	TOLCHIN V G	52	VAKULOVSKIY A S	41
SUKHANOV V I	51	TOLEUTAYEV B N	71	VALOV P M	67
SUKHANOVSKAYA A I	35	TOLMACHEV A I	43	VALUYEV A D	84,87
SUKHAREV A G	44	TOLOK V T	87	VALYGINA M A	42
SUKHAREV S A	85	TOLSTIKHINA A L	61	VAN'KOV A B	56
SUKHODOL'SKIY A T	65	TOLSTORZHEV G YE	58	VANNIKOV A V	75
SUKHOLININ V L	61,62	TOLSTYKH A B	59	VARCHUK N K	38
SUKHORUKOV A P	45	TOMILINA YE A	16	VARDOSANIDZE Z V	50
SUKHORUKOV YU P	74	TOMIN V I	70	VARPAKHOVICH A G	6
SUKHORUKOVA A K	24	TOPCHIYAN M YE	87	VARTAPETOV S K	6
SUKHOTIN S A	38	TORGOVKIN M YU	27	VASETSKIY V A	14
SUKHOVERKHOV V F	12	TRESHCHALOV A B	62	VASHURIN P V	38
SULADZE A S	61	TRIPPEL' A F	81	VASIL'YEV A A	45,48,87
SULKHANYAN V A	43	TROFIMOV G S	19	VASIL'YEV A F	61
SULTANOV SH D	85	TROFIMOV I YE	3	VASIL'YEV N F	25
SUP'YAN V YA	57	TROFIMOV V A	42,45	VASIL'YEV YU B	3
SURKOV V K	37	TROFIMOV V T	75	VASIL'YEVA I G	74,75
SUSENKO L N	55	TROITSKIY V S	32	VASIN B L	84,87
SUSHCHINSKIY M M	22	TROITSKIY YU V	9,17	VASNETSOV M V	13
SUTORIKHIN V A	28	TROSHIN A S	32	VAYTEKUNAS F K	54
SUTYAGIN A N	19,26	TROYANOVSKIY I V	5	VDOVENKOV V YU	28
SUVOROV A YE	69,85	TRUKAN M K	5	VELICHANSKIY V L	63
SUVOROV K G	86	TSAPENKO L M	72	VELIKHOV YE P	90
SUVOROV YE V	35	TSAREV A V	27	VELIKOVICH A L	20
SVECHNIKOV S V	15	TSAREVSKIY A V	75	VENEDIKTOV YE A	75
SVICH V A	10	TSARYUK V I	70	VENKIN G V	25
SVIDZINSKIY K K	18	TSEBULYA G G	76	VERENIK V N	29
SVIRIDOV K N	43	TSEKHOMSKIY V A	57	VEREVKIN YU K	75
SVISTUN M I	12	TSEYEB A O	48	VEREVKINA ZH A	73
SVITASHEVA S N	39	TSIKIN B G	56	VERGUNOVA G A	84
SYSOYEV V K	36	TSITSISHVILI D K	61	VERNIGOROV N S	28
SZUSZKIEWICZ W	22	TSORIKISHVILI N G	29	VERTSIMAKHA YA I	52
		TSUKERMAN YE V	46	VERTUSHKIN V K	16
		TSUKKERMAN N S	47	VESELOVSKIY I A	78
TADEUSH V N	5	TSUVETKOV YU V	23	VIGASIN A A	75
TAGIYEV B G	75	TSVIRKO M P	71	VIL'DANOV R R	61
TAKTAKISHVILI M I	83	TSVIRKO V A	29	VINOGRADOV A G	42
TALALAKIN G N	82	TSYGANKOV A A	84	VINOGRADOV B A	77
TAMBIYEV YU A	30	TSYMBAL L I	1	VINOGRADOV V G	86
TAMKIVI R P	34	TSYUPAK I M	42	VINOKURTSEVA I M	38
TANIN L V	51	TULOVSKAYA Z D	50	VITSHAS A F	43
TARASOV G G	20	TUMAYEV YE V	1	VITYUKOV V V	79
TARASOV I S	5	TUMAYKIN A M	64	VIZE L	25
TASHDULATOV Z T	34	TUR I N	5	VIZEL' A A	38
TATAR D	80	TUTUNARU M	80	VIZEN F L	28
TATARENKOV V M	54	TYMCHIK G S	71	VLADIMIROV A G	13
TATARSKIY V I	42	TYULIN V I	90	VLADIMIROV F L	18,48
TAVLYKAYEV R F	19	TYURIN A G	75	VLADIMIROVA O V	80
TELEGIN G G	66			VLASENKO N V	4
TELESHOV B YE	50	UDAL'TSOV V S	58	VLASOV D V	43
TELEZHNIKOV V N	47	UGLOV A A	80	VLASOV N G	52
TEPLITSKIY V A	4	UGOZHAYEV V D	2	VLASOV R A	52
TERESHCHENKO YE D	52	UKRAINTSEV V A	53	VLASOV S N	26
TERMAN M YU	66	ULASYUK V N	4	VO DUC LUONG	20
TERYSHNIK A D	75	UMARKHODZHAYEV R M	64	VO DUK LUONG	20
TESTOV V G	10	UNYSKOV A F	2,28	VODOP'YANOV K L	24,30
TETEL'MAN T V	15	URBANOVICH A I	45	VOLCHANSKIY O V	27
TETEVYAN S K	42	USAY U YU	14	VOLCHKOVA G N	9
TEUCHNER K	70	USHAKOV S N	1	VOLKOV I S	38
THIELEMANN W	65	USHAKOV V N	28	VOLKOV L A	61
TIKHOMIROV O YU	15	USKOV A V	30	VOLKOV V V	33,34
TIKHONCHUK V T	25	USOVA N A	44	VOLOKHOV G M	5
TIMOSHECHKIN M I	1	USTINOV N D	88	VOLOSEVICH P P	84
TITARCHUK V A	11				

VOLOV V T	14	YUGAY A G	33	ZHUK S V	82
VOLYAR A V	38	YUMASHEV K V	14	ZHUKHLIN A M	58
VORON'KO YU K	1,75	YUNGE K	84	ZHUKOV A N	6
VORONTSOV A A	61	YUOZAPAVICHYUS A	23	ZHUKOVA V A	49
VORONTSOV M A	45	YURAS S F	59	ZHUPANOV V G	60
VOVK S M	71,74	YUREVICH V I	27	ZHURAVLEVA T S	75
VOYEVODIN V G	24,38	YURKIN A M	1	ZHVAVYY S P	78
VOYTSEKHOVICH V S	8	YUROV V YU	9	ZIL'BERMAN G YE	28
VUL' A YA	17	YURSHIN B YA	10	ZIL'BERSHTEYN KH I	68
VVEDENSKIY V D	12	YURSHINA L A	54	ZILOV S A	1
VVEDENSKIY YU V	38	YUSHIN N K	27	ZIMIN YU A	43
VYLEGZHANIN O N	48	YUZHANIN A G	82	ZIMOKOSOV G A	8
				ZINCHENKO A K	7,78
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WESTPHAL K D	38	ZABOROV A N	52	ZOLIN V F	70,75
WODKIEWICZ K	22	ZACHOROWSKI J	14	ZOLLMANN C	55
		ZADKOV V N	23	ZOLOTAREV S V	81
YABLONSKIY G P	3	ZADORIN A S	28,91	ZOLOTAREV V A	35
YACHMENEV V A	40	ZAGIDULLIN M V	13	ZOLOTOV YE M	19
YAGUDIN SH I	2	ZAGREBNOV V A	32	ZOROV N B	69
YAKHMANOV S A	40	ZAGUMENNYI A I	1	ZOTOV N M	62
YAKIMOVICH A P	52	ZAIKIN A P	13	ZOZULYA A A	25
YAKOBSON N N	63	ZAKARAYA M G	25	ZUBOV B V	34
YAKOVENKO N A	37	ZAKHARCHENYA B P	82	ZUFAROV M A	75
YAKOVKIN I B	27	ZAKHARENKO YU A	84,87	ZURIN M V	8
YAKOVLENKO S I	86,87	ZAKHAROV I L	66	ZUYEV A B	38
YAKOVLEV P P	90	ZAKHAROV M I	61	ZUYEV V V	42
YAKOVLEV V A	17,61	ZAKHAROV S D	33	ZUYEV V YE	42,62,91
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YAKUBOV A N	61	ZANDANOVA G I	40		
YAKUBOVICH S D	4,30,61	ZAPASSKIY V S	66		
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YALINICH V P	7	ZARETSKIY A I	85		
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YAN SIN-YUY	28	ZASAVITSKIY I I	75		
YANG XING-YU	28	ZASKAL'KO O P	43		
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YATSENKO L P	8	ZAYARNIY D A	8		
YEFIMENKO M N	10	ZAYTSEV S V	5		
YEFREMOV V A	10	ZAYTSEV V P	8		
YEGOROV A A	38	ZAYTSEV V V	3		
YEGOROV S YE	66	ZAYTSEV YU S	5		
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YERMAKOV V P	75	ZHARIKOV YU D	1		
YERMOLENKO N N	5	ZHAROV V P	34		
YEROFEYENKO V T	45	ZHDANOV V I	18		
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D506	1	COMNAVSPACECOM
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